What is claimed is:

1. A hydro bushing for radially supporting a motor, the hydro bushing comprising:

a sleeve-shaped outer body;

an inner support body spaced radially from said outer body;

5   a spring body having two legs and being disposed between said outer body and said support body;

a volume-changeable work chamber disposed between said legs of said spring body;

said volume-changeable work chamber being delimited to the

10   outside by said sleeve-shaped outer body;

at least one compensating chamber disposed laterally of said work chamber and having an elastic wall;

a transfer channel interconnecting said work chamber and said compensating chamber;

15   said chambers and said channel being filled with a low-viscous hydraulic fluid;

said work chamber having an effective cross-sectional area (A_1) and said spring body having a dynamic swell stiffness;

said transfer channel having a length (L) and a

20   cross-sectional area (A_2); and,

said cross-sectional (A_1), said dynamic swell stiffness, said length (L) and said cross-sectional area (A_2) all being so selected that said hydro bushing has a natural or resonant frequency of approximately 130 Hz.

2. The hydro bushing of claim 1, wherein said compensating chamber is a first compensating chamber on one side of said work chamber and said hydro bushing further comprises a second

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compensating chamber on the other side of said work chamber; and,

5   a connecting channel connecting said compensating channels to each other.

3.   The hydro bushing of claim 1, wherein the ratio of the effective cross-sectional area (A_1) of said work chamber to the cross-sectional area (A_2) of said transfer channel lies in a range of 0.1 to 10.

4.   The hydro bushing of claim 1, wherein the ratio ($A_1:A_2$) of said cross-sectional areas (A_1 and A_2) is approximately 2.2.

5.   The hydro bushing of claim 1, wherein the ratio of said length (L) of said transfer channel to said cross-sectional area (A_2) of said transfer channel lies in a range of 0.1 to 4.0.

6.   The hydro bushing of claim 1, wherein the ratio of said length (L) of said transfer channel to said area (A_2) of said transfer channel is approximately 1.5.

7.   The hydro bushing of claim 1, wherein said cross-sectional area (A_1) of said work chamber includes a constriction.

8.   The hydro bushing of claim 1, wherein the volume of said work chamber and the volume of said transfer channel define a ratio of 0.1 to 4.0.

9.   The hydro bushing of claim 1, wherein the volume ratio of said work chamber and said transfer channel is between 1.0 and 3.0.